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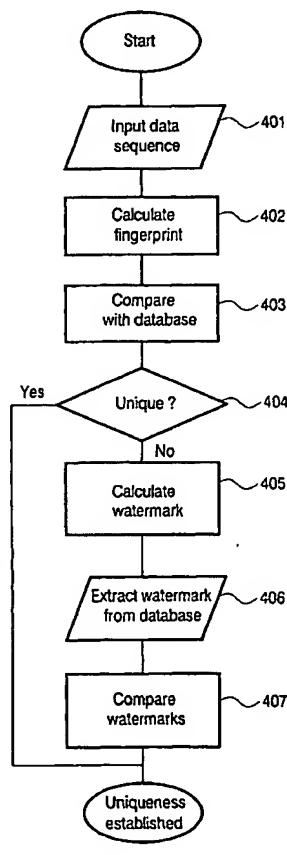
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[Continued on next page]

(54) Title: IDENTIFICATION OF DIGITAL DATA SEQUENCES



(57) Abstract: Identification of a digital media sequence is performed by an encoding and a decoding process. A sequence is received and its digital fingerprint is computed. A database lookup based on the fingerprint produces one or more matches that all resemble the computed fingerprint to a certain degree. If there is more than one match, at least one attempt is made to detect a watermark in the sequence. If a watermark is found, at least part of the watermark is extracted and used to select one of the matches among the sequences that resemble the media sequence to be identified.



ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 361 136 A (SONY UK LTD) 10 October 2001 (2001-10-10) cited in the application page 1, line 26 - line 31 page 2, line 10 - line 14; claim 1 ---	1-14
A	EP 1 168 817 A (MATSUSHITA ELECTRIC IND CO LTD) 2 January 2002 (2002-01-02) abstract; claim 1 ---	1-14 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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International

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>YIN P ET AL: "CLASSIFICATION OF VIDEO TAMPERING METHODS AND COUNTERMEASURES USING DIGITAL WATERMARKING" PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, vol. 4518, 21 August 2001 (2001-08-21), pages 239-246, XP008026987 ISSN: 0277-786X page 245, paragraph 3 – paragraph 4 ---</p>	1-14
A	<p>DITTMANN J ET AL: "CONTENT-FRAGILE WATERMARKING BASED ON CONTENT-BASED DIGITAL SIGNATURES" INTERACTIVE DISTRIBUTED MULTIMEDIA SYSTEMS AND TELECOMMUNICATION SERVICES, XX, XX, 1999, pages 259-272, XP000980062</p>	
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